



Revision number:

Purchasing Agent: DAVID GILL
(801) 538-3254

Item: 10 WHEEL CAB & CHASSIS TRUCK (58,000 GVW) NEW

Vendor: 07660D B

Mountain West Truck Center
1475 West 2100 South
Salt Lake City, UT 84119

Internet Homepage:

www.macktrucks.com

Telephone:

(801) 975-0380

Fax number:

(801) 956-9758

Contact:

Ron Johnson, JR.

Email address:

Ronnie@mountainwesttc.com

Brand/trade name:

Mack Granite Axle Back-CT713

Price:

See Attached List

Terms:

Net 30

Effective dates:

03/16/05 through 03/15/07

Days required for delivery:

1st Unit 240 Days, Balance 1st Qtr 2006

Price guarantee period:

6 months

Minimum order:

Min shipment without charges:

Included in Pricing

Other conditions:

two (2) additional one-year renewal options.
Potentially renewable to 03/15/09

NEW CONTRACT

Bid # GL5040

Multiple Award Contracts: MA606, MA1460, MA1875

This contract covers only those items listed in the price schedule. It is the responsibility of the agency to ensure that other items purchased are invoiced separately. State agencies will place orders directly with the vendor (creating a PG in Finet) and make payments for the same on a PV referencing the original PG. Agencies will return to the vendor any invoice which reflects incorrect pricing.

The user is obligated to document why a truck was purchased from this contract and not from either of the other two multiple-award contracts.

**Bidder:**

Make:

Mountain West Truck

Model

Mack

CT713

Total- FOB	\$70,448.00
Basic Warranty	12 Months
Trans Warranty	5 years
Allison Warranty	2 years
Rear Axle Warranty	5 years
Frame Warranty	5 years
Option's	
1- Allison 6-speed with cooler	\$11,643
Allison Warranty- 5 yr-300K	\$1,200
Aux. Headlights	\$682
Cross member & 1 spring leaf	\$296
Replacement filters	\$185
Aluminum Tank, 80-Fuel/30-Hyd	\$493
CB Radio Prep	\$143
Preimium Interior	\$523
Pusher Lift Axle	\$6,678
Deduct in lieu of Orange	-\$58
DSA	\$750
Prep for delivery	\$300
May 2 surcharge	\$1200
Pilot inspection for two at 900 per person divided by 25 units	\$72
10 parts and 10 service manuals at 395.00 and 250.00 each divided by 25 units minimum order	\$258
Fill tank before delivery at 110 gallons at 2.25 per gallon	\$247.50
Frame warranty for 5 years unlimited miles	\$750
Slit bumper and move ends in under hood	\$165
Warranty	
Eng 5 years / 200,000 miles	\$2,150
Eng 7 years / 200,000 miles	\$3,979
Eng 7 years / 300,000 miles	\$4,758
Eng 10 years / 200,000 miles	\$1,400
Eng 10 years / 300,000 miles	\$2,100

The unit price to UDOT is \$70,448.00 for orders of one unit or more. This unit price includes pilot inspection and the cost of service and parts manuals.

Mountain West Truck Center and Mack Trucks, Inc. will offer this bid along with all available options to any municipality in Utah at the quoted base price of \$70,448.00. Those municipalities will have the option to add a pilot inspection at an additional cost of \$900.00 per person less \$72.00 per vehicle.



UTAH DEPARTMENT OF TRANSPORTATION
Equipment Operations
Steve McCarthy - Equipment Operations Manager

STATEWIDE CONTRACT FOR TRUCK, 10-WHEEL, CAB & CHASSIS

PART I: GENERAL CLAUSES AND CONDITIONS

1. The equipment furnished under this specification shall be the latest improved model in current production, as offered to commercial trade, and shall be of quality workmanship and material. The supplier represents that all equipment offered under this specification is new at time of delivery. DISCONTINUED, DEMONSTRATOR OR DEVELOPMENTAL MODELS ARE NOT ACCEPTABLE.
2. The units shall be completely assembled and adjusted. All equipment, including standard and supplemental equipment, shall be installed, and the units shall be serviced and ready for continuous operation, including all fluids levels, fuel, oil etc. To be completely detailed when delivered.
3. All parts not specifically mentioned, but are necessary for the units to be complete for operation, or which are normally furnished as standard equipment, shall be furnished by the supplier. All parts shall conform in strength, quality and workmanship to the accepted standards of the industry.
4. The units provided shall meet or exceed all Federal and State of Utah safety, health, lighting and noise regulations and standards in effect, and which are applicable to equipment furnished, at the time of acceptance.
5. It is the intent of STATE to purchase goods, equipment and services having the least adverse environmental impact, within the constraints of statutory purchasing requirements, departmental need, availability, and sound economical considerations. Suggested changes and environmental enhancements for possible inclusion in future revisions of this specification are encouraged.
6. STATE encourages all manufacturers to comply, voluntarily, with the Society of Automotive Engineers (SAE) recommended practices.
7. Measurements will be given in the English system.
8. Pre-delivery inspection for one order per year, 2 people per year.

PART II: GENERAL SPECIFICATIONS

Warranty:

All warranty periods shall start after auxiliary equipment has been installed and trucks are put into service. Basic warranty shall include agreement to allow all U.D.O.T. shops to be approved, to complete "In-house" warranty repairs, in U.D.O.T. shops. The warranty shall include parts, labor reimbursement and repetitive problems, reasonable towing and road travel cost reimbursement.

Aux Equipment installation must be within one year

Basic Warranty period: *12 Months/100,000 miles*

Engine Warranty period: *Injectors are 2 year/200,000 Other components 3 year/300,000 miles*



Transmission Warranty period: *5 year/ 200,000 miles*

Allison Transmission Warranty period: *2 year/ 200,000 miles*

Rear Axle Warranty period: *5 year/ 200,000 miles*

Frame Warranty period: *5 year/ unlimited miles*

PART III, DETAILED SPECIFICATIONS

1. Dimensions:

Cab-axle-120 inches, BBC-113 inches and wheelbase 184 inches approximately.
Truck design shall be with set back front axle to be approximately 50 inches.

2. Engine:

To have a wet sleeve, diesel engine, turbo charged, after cooled (air to air after cooler) with electronic fuel system, with speed control.

	Displacement cu in	Gross hp	@ RPM	Gross Torque @
RPM				
2.1-Caterpillar C-11	<u>677</u>	<u>385 @ 1700 RPM</u>	<u>1450 @ 1200 RPM</u>	
2.2- Cummins ISM 385V	<u>661</u>	<u>385 @ 1800 RPM</u>	<u>1450 @ 1200 RPM</u>	
2.3- Mack E7427AI	<u>728</u>	<u>370 @ 1600 RPM</u>	<u>1460 @ 1300 RPM</u>	

3. Engine Mounting:

Rear engine mounting shall allow removal of bell housing and transmission without removal of engine mounts.

4. Air Compressor:

15.9 CFM minimum.

5. Air Filter:

Air filter to be a heavy duty, single element dry type with inside/outside air selector cab controlled. Elements must be readily available through dealer and outside vendors. Or equal.

6. Engine Filters:

Units are to have spin on engine and fuel filters.

7. Accessories:

7.1 Alternator to be 160 amp minimum Leece-Neville with "C" type regulator low turn on speed.

7.2 Batteries to be three (3), group 31's, to produce 2775 CCA minimum. Battery box is to be mounted under cab right side. To have remote jump start battery terminals, located on right side under cab for maximum accessibility. All battery cable connections are to be sealed tight. Battery box to be plastic or fiberglass preferred. If box is steel it shall be plastic lined or plastic cover to prevent any shorting of batteries.

8. Cooling System:

8.1 All coolant hose's (including-heater) to be premium hose with constant torque stainless steel clamps. Hose type-Gates Blue Strip Premium rubber. Or equal.



8.2 Cooling system to be guaranteed to meet manufacturer's requirements and provide sufficient cooling for operation at full load and elevations from 2,000 to 10,000 FASL.

8.3 To have cooling system surge tank, and coolant filter. Cooling system to be protected to -40 degrees F minimum. To have 5/16 inch or smaller mesh heavy-duty radiator rock guard screen.

Radiator square inches frontal area: 991 square inches with crankshaft adaptor

9. Engine Accessories:

9.1 To have Horton Drive Master on/off fan drive with automatic control with dash override switch and indicator light.

9.2 Front crankshaft to have adapter to accept 1350 drive shaft. To have clearance for front P.T.O. shaft. (Radiator cut out not acceptable)

9.3 To have vertical muffler with heat shield, and 90 degree turn back. Stack cut 12 to 18 inches behind rear of cab. No exhaust component is to extend below truck frame.

9.4 To have 120 volt, 1500 watt block heater cab mounted, covered receptacle on left side under cab door.

9.5 Engine equipped with factory installed and warranted compression type engine brake with 2 or 3 step control.

10. Clutch:

To have 15-1/2" dampened ceramic 2-plate four button 7-spring low rate, easy pedal clutch, 2-piece clutch brake with allen head screws and zerk fitting with extension hose to clutch release bearing.

11. Transmission:

11.1 Shall be Eaton Fuller Model RTLO 16913A 13-speed manual transmission.

11.2 Shall have two (2) each, road speed sensors, single sensors with single output.

12. Rear Axle:

12.1 Tandem design with 40,000 lb. minimum capacity. Meritor RT-40 145 R Series.

12.2 Ratio to match transmission and give top road speed of 75 MPH.

12.3 To have interlock-axle differential with air operated lockout and side lock on both axles with lockout warning lights. Straight through design.

13. Suspension:

Shall be Hendricksons 54" HMX suspension, rated at 40,000 lb. minimum. Tuff-track 40,000 lb. minimum with Fore/Aft and Transverse Control Rods with shock absorbers.

14. Drive Shafts:

Tubular drive shafts with 1810 Guild-Cote spines and strap type yokes. Inner-axle shaft to be 1710 Guild-Cote with strap type yokes.



15. Front Axle:

- 15.1 To be a Meritor MSF 18133A 18,000 lb. minimum capacity or Mack FXL 18 wide pivot.
- 15.2 Front Oil Seal Caps are Stemco #3434281 aluminum vented front hub caps with window and side plug, or Mack's unitized wheel hubs permanently sealed with no maintenance.

16. Front Suspension:

Capacity: 18,000 lb. Minimum, with flat leaf spring, or Parabolic. To include heavy duty shock absorbers.

17. Service Brakes:

- 17.1 16-1/2 x 6 Meritor Q+ cast spider cam front brakes double anchor front.
- 17.2 16-1/2 x 7 Meritor Q+ cast spider cam rear brakes double anchor rear.
- 17.3 To have 4 channel Bendix or Meritor anti-lock brake system.
- 17.4 Triple air receiver tank with manual tank drain valves if accessible or cables to drain tanks.
- 17.5 Make/Model air dryer- BW AD-IP air dryer with heater, or Meritor-Wabco System saver 1200 heated air dryer with pressure control valve installed on left, behind cab, outside frame.
- 17.6 Shall have Haldex automatic slack adjusters.

18. Parking Brake:

Type 3030 air pots on both axles, to include brake dust shields.
Rear Brake chambers #OAL 166185 Anchorlock LIFE-SEAL Long stroke, or MGM TR-TS.

19. Steering System:

Shall have a dual gear power steering system to accommodate manufacturer's 18,000 lb axle.

20. Wheels and Tires:

- 20.1 Rear wheels - 10 hole, hub piloted, drop center, Accuride, 8.25 x 22.5 (#28487) or equal
Rear tires- Goodyear 11R22.5 Tubeless Load Range G G167A Tires
- 20.2 Front wheels - 10 hole, hub piloted, drop center, Accuride, 9 x 22.5, 9,000 lb capacity or equal.
Front tires- Goodyear 20 Ply G291 Tire.
- 20.3 All wheels to include wheel liners.

21. Trailer Brakes:

Air service to rear of frame with hand controls in cab. Seven conductor trailer light circuit to rear. To be set up for two light system, stop, turn, tail, acc, and ground.

22. Fuel Tank:

Single 100-gallon capacity fuel tank, aluminum tank, without integral step, mounted on left side. To have aluminum safety tread steps, Bustin or equal with fall through design on left and right sides. To be mounted so that lowest step is not more than 24 inches above ground.
Top step to be full length of tank. To have three (3) fuel tank mounting brackets with stainless steel straps.



23. Frame:

- 23.1 Fabricated from 120,000 PSI steel, manufactures thickness determined to aquire 2,470,000 minimum RBM single channel. Omit rear frame end cross member. To have 14 inches of front frame extension, or adequate frame extension to allow plow hitch installation.
- 23.2 To have 9ea 25/32" holes punched in each frame rail per UDOT pattern for snow plow hitch.
- 23.3 Yield streingth-120,000
Section-20.25
RBM- 2,470,000
- 23.4 Frame warranty – 5 years/unlimited miles.
- 23.5 To have split bumper mounted and braced in normal position, (at start or rear of frame extension)
- 23.6 To have two (2) tow hooks included.
- 23.7 Right side to be clear of attached accessories. Underside of frame to be clear of mounted accessories.

24. Cab and Chassis:

- 24.1 Shall have cab air ride and cab must be able to accommodate 12" x 12" x 12" central hydraulic system console between seats without interfering with shift movement. To have rear cab window and full tilting hood, with all heavy duty options.

24.2 To have the following items:

High output, fresh air cab heater rated at 40,000 BTU, with windshield defrosters.
Factory installed R134A air conditioning.

Tilting steering column with 18" steering wheel, Self canceling signal switch on column. AM/FM, CD radio with weather-band, dash mounted with four (4) interior speakers.

To include a right hand dash wing angled, ergonomically-designed electronic dashboard. All frequently used controls are within easy reach.

Left and right side electric windows powered from drivers position.
Left and right power door locks.

All pedals including clutch and brake to be firewall mounted. Floor mounted not acceptable.

To have glass tinted and dual 2-way interior sun visors. To have intermittent, electric windshield wipers with heavy duty, 2 speed motor and winter type blades and electric windshield washers. Windshield washer container to be 1-1/2 gallon minimum mounted inside cab between seats located on back panel preferred, or outside cab with easy access fill point without lifting the hood.

Interior dome light with reading lights.

Stationary bright aluminum or chrome grill and snap on winter cover.

Heavy duty smoked plastic bug deflector that conforms to hood shape.

To have heavy duty inner fender liner extending to below center point of frame and from firewall to radiator to protect engine accessories and radiator from rocks and debris thrown from the front tires.



The cab interior noise level shall not exceed eighty (80) dba when measured in accordance with SAE J336.

*DBA: 78dba with fan off
79.5 dba with fan on*

Dual, West Coast 2-way power (minimum) stainless steel heated rear view mirrors with heavy-duty stainless steel bracing or equal.

Auxiliary 8 inch, heated convex stainless steel mirrors.

Heated stainless steel, 10 inch convex mirror on right front fender with heavy-duty stainless steel bracing.

Grab handles both sides outside on cab.

Air horn mounted under cab or hood protected location, or on top with snow shield.

To have noise sensing back-up alarm (Preco 1040 or approved equal).

To have a Body Builder connection behind cab that is weather packed, location to be determined at paper pilot.

Seven additional illuminated switches mounted in dash labeled, to control auxiliary lights and accessories. Labeling will be specified with the order. Switches to be ignition feed relay controlled with 20 amp breaker protection. Wired to a stud type junction box inside rear of cab. Or multiplex module acceptable.

To have National 2000 Premium series high back with 6 button controls, air ride seat, with arm rest on driver's right hand side, with three point seat belt. To have (3) stage lumbar, upper cushion, side bolster and lower cushion side bolsters.

Drivers seat to be mounted to provide maximum available space between steering wheel and seat when seat is in rearmost position. To have 8 inch minimum seat travel.

Standard tool box on right side under seat, lift up seat cushion and three point seat belt.

Seat to be dark colored heavy duty cloth covered.

Stainless steel quarter fenders with 10" of plastic extension on top mounted forward of rear axles.

25. Instruments:

Voltmeter, fuel gauge, coolant temperature gauge, engine oil pressure gauge, hour meter, tachometer, engine oil temperature gauge, transmission temperature gauge, speedometer and locking air filter restriction gauge. To have inner-axle warning light. To have warning lights and buzzer for low air pressure, low level coolant temperature and low engine oil pressure. All instruments to be dash mounted.

26. Paint:

Complete unit to be painted urethane Dupont No 82. (or equal) Powder coat or paint for all wheels, cab, and bumper. No chrome or aluminum to be painted. Make and model emblems allowed but all other advertising to be omitted. Frames may be painted black.



27. Options:

Option 1

Allison Model 4500-RDS-P Six Speed Automatic Transmission. To include transmission cooler.

Option Price: \$11,643

Full warranty 5 years 300,000 miles with synthetic oil.

Option Price: \$1,200.00

Full warranty 7 years 300,000 miles with synthetic oil.

Option Price: N/A

Option 2

Auxiliary high/low beam headlights, with turn signal, (Perlux model # 010234) and amber fog lights (Perlux #642614) mounted on fender with stainless steel brackets. The center of lamp at 72" minimum and approximately 80 inches above ground. Headlights and fog lights wiring to be protected "SO" type wire with weather pack type connectors. Mounting brackets and lights to be approved before manufacturing.

Option Price: \$682.00

Option 3

Heavy duty cross member to support side wing plow.
Additional leaf spring, or overload cushions on one side or both sides as needed.

Option Price for cross member and one spring leaf or overload cushion: P O 281-1056 & 226-0002 \$592.00 List

Option Price for cross member and two spring leaf or overload cushion: Not Available

Option 4

One complete set of replacement filters for each unit delivered.

Option Price: \$185.00 includes engine, transmission, and air filters

Option 5

Aluminum fuel tank: 80 gal minimum with integral 30 gal minimum hydraulic. Fuel fill to be at front of fuel section. Hydraulic section to have 1-1/2" NPT fitting at bottom center of front, 2" NPT fitting at center on top at front of tank, 1-1/4" NPT fitting 14" back of front and angled straight out from radius of tank, 1/2" fitting on bottom with square socket head plug. Std hydraulic fill with 6PSI cap and stainless steel screen. To have two (2) aluminum safety tread, Bustin or equal fall through design full length of tank. Tank to have three (3) fuel tank mounting brackets with stainless steel straps.
Tank to be discussed at paper pilot.

Option Price: \$492.50



Option 6

Dual CB radio preparation (in overhead console): to include dual antennas and coaxial cable RG58.

Option Price: \$142.50 can accept DINS style radio only

Option 7

Upgrade "premium" interior, to include manufacturers highest quality premium package to exclude carpeted floor.

Option Price: \$522.50

Option 8

Pusher Lift Axle to be Hendrickson HLU5-2 Ultra 13,200# air lift steer able pusher suspension with Hendrickson FF113,200# pusher axle with cast iron hubs and brake drums. Stemco aluminum wet type hub caps and CR Scott seal oil seals. Axle positioned 48" ahead of forward drive axle. In cab electronic control to raise and lower lift axle with air pressure gauge and regulator valve positioned outside of cab in convenient position. Axle to be equipped with 15" x 4" Q plus brakes with double anchor fabricated brake shoes and Haldex long-stroke service brake chambers and Meritor automatic slack adjusters. Lift axle to increased air reservoir capacity for the additional brakes. To include 2-255/80R22.5 14 ply tires and 22.5 x 8.25 steel disc wheels. Mounting height to this axle to be a minimum of 16" above ground for optimum ground clearance. (or equal)

Option Price: \$6,678.00

Option 9

Deduct price in lieu of orange to be painted white.

Deduct price: \$57.50

Option 10

Extended Warranty Engine: **\$2150.00 Net**
Including injectors, turbos, water pump (5 year/ 200,000 miles)

Extended Warranty Engine: **\$3979.00 Net**
Including injectors, turbos, water pump (7 year/ 200,000 miles)

Extended Warranty Engine: **\$4758.00 Net**
Including injectors, turbos, water pump (7 year/ 300,000 miles)

Extended Warranty Engine: **\$1400.00 Net**
(10 year/ 200,000 miles)

Extended warranty Engine: **\$2150.00 Net for 13 major components**
(10 year/ 300,000 miles)

NOTE: The vendor can modify chassis to meet the needs of other government agencies, based on percentage of discount off retail price pages. (Please note pricing and catalog data.)



LIST PERCENT OF DISCOUNT: *50% of list price difference from what was bid and the cost of the option*

PART IV: PARTS AND SERVICE

The Contractor must have a Parts and Service Center located in the Salt Lake City, Utah area.

PART V: DELIVERY, DOCUMENTATION, ACCEPTANCE AND PAYMENT

1. DELIVERY REQUIREMENTS

- 1.1 Delivery shall be within 180 days after receipt of order. At State's option, an extension may be granted, whichever is in State's best interest. Unless a delivery extension is granted for acceptable reasons due to circumstances beyond the vendor's control, liquidated damages of \$80.00 per truck will be deducted from the invoice for every working day after the expiration of the number of days shown on the purchase order until the units are delivered. This provision is not intended as a penalty but as liquidated damages.
- 1.2 Delivery shall be at no additional charge for locations within a fifty (50) mile radius of the Utah State Capital building. Delivery of UDOT vehicles will be at the STATE headquarters 4501 South 2700 West Salt Lake City, Utah 84119.

2. TRAINING

- 2.1 INSTRUCTION ON SAFETY, OPERATION AND MAINTENANCE: The vendor shall provide the services of a competent, factory-trained, technician thoroughly trained in the use and operation of the units offered to STATE.
- 2.2 Vendor shall provide instruction on safety, operation and preventive maintenance of the units, after the units have been delivered and is ready for operation but prior to payment. The instruction shall include a full demonstration of all the unit(s) functions on the unit(s) delivered. Instruction shall identify potentially hazardous situations when working.
- 2.3 LESSON PLAN: The supplier shall furnish a copy of the manufacturer's approved lesson plan for the instructional training within 30 days after award of the purchase order. The lesson plan may be taken from the operator's manual, provided all necessary information is included.

3. DOCUMENTATION

- 3.1 Delivery must include Supplier's Invoice, a Copy of Warranty(s) and an Operator's Manual for each unit.
- 3.2 Operators Manual shall include start up procedure, check list for data collection, shut down procedure.
- 3.3 Delivery must also include ten (10) complete sets of parts lists, and ten (10) sets of shop (repair) manuals at no additional charge. CD's are acceptable for shop repair manuals. *One order per year, 10 sets per year.*

4. ACCEPTANCE

- 4.1 All equipment ordered with this request will be subject to acceptance inspection and performance testing upon receipt.
- 4.2 Acceptance inspection and performance testing will not take more than five working days, weather permitting.
- 4.3 The vendor will be notified within this time frame of any units that do not comply with the purchase order specifications.



4.4 If any units are canceled for non-acceptance, the needed equipment may be purchased elsewhere and the vendor may be charged full increase, if any, in cost and handling.

5. **PAYMENT**

Invoices will not be approved for payment until all of the required spare parts, filters, documentation and manuals have been received and the equipment has been accepted.

ADDITIONAL INFORMATION OR EXCEPTIONS TO THE SPECIFICATIONS;

Clarification- Mack engine is AMI-370 – 405 HP @ 1600 RPM, 370 HP @ 2100 RPM

Item 12.2 rear axle ratio 4.63 provides 75 mph – This should be confirmed at paper pilot.

Item 24.2 radio as requested, standard arrangement has two speakers top back cab corners. If additional speakers are needed, State must advise location. They will be furnished at no charge.

Item 26 Orange paint to be approved at paper pilot.

Item 4 Acceptance – 90 – 120 days after build is required to furnish customized parts manuals.

Heated fender mirror- standard is 8", 10" will be provided if required at no additional charge.

Standard production schedule builds pilot unit in December 2005, balance first quarter 2006.

Year & Make : *2006 Mack*
Model: *CT713*

1. **Capacity:**
Manufacturer GVWR: *58,000#*
Manufacturer GCWR: *110,000*
Total Curb Weight: *17,334# Full of fuel & hydraulic oil*
2. **Wheelbase:**
Wheelbase: *182 In*
Cab to Axle: *121 In*
Back of Cab to Rear of Frame: *183 In*
3. **Engine:**
Make: *Mack*
Model: *AMI-370*
Displacement: *728 Cu in.*
Gross HP: *405 @ 1700-1900 RPM*
Gross Torque: *1480 @ 1300 RPM*
Brake HP @ 2100 RPM: *420*
Gross Torque w/Auto. Trans. Option: *400 HP with 1360 torque*
427 HP with 1460 torque add \$450.00 net



4. **Frame:**
Minimum RBM: *2,470,000 Lbs. In/Rail*
Minimum RBM at Engine Notch: *2,210,000*
Section Modulus: *20.6 In³*
Yield Strength : *120,000 PSI*
5. **Transmission:**
Manufacturer *Fuller*
Model *RTLO16913A*
- 6 **Transmission-Option**
Manufacturer: *Allison*
Model: *RDS4500 6 speed*
7. **Cooling System:**
Coolant w/100,000 mile (min.) warranty? (y/n)
Coolant product name: *Texaco Ethylene*
Coolant change interval: *24 months/200,000 miles*
8. **Exhaust:**
Number of mufflers: *One*
Number of Stacks: *One*
9. **Front Axle:**
Make/Model Merritor: *Mack FXL18*
Manufacturer rating: *18,000 Lbs.*
Set-back? (yes/no): *Yes* Distance:
GAWR: *18,000 Lbs.*
10. **Rear Axle:**
Make/Model: *Meritor RT40-145*
Mfg Rating: *40,000 Lbs.*
Ratio: *4.63*
GAWR: *40,000 Lbs.*
Lubricant change interval: *1 year/ 1200 hours*
11. **Rear Suspension:**
Spring Type:
Make/Model: *Hendrickson HMX400*
Capacity at ground: *40,000*



12. **Service brakes:**
Front: 16.5x6
Rear: 16.5x7
3030 air pots: Yes
4 Channel ant-lock brake system: Bendix
13. **Wheels:** Front Rear
Rim Size: 22.5x9.00 22.5x8.25
14. **Tires:** Front Rear
Size/Load Range: 315/80R22.5 "L" 11R22.5 Load Range "G"
Manufacturer/Model: Goodyear G291 Goodyear G167A
Revs per mile: 489 497
15. **Interior package:** *Select interior – medium level*
16. **Alternator:** *Leece-Neville BLD2307GH*
17. **Air Filter:** *Donaldson/ 11" x 30" single element*
18. **Fan Clutch:** *Horton "On/Off"*
19. **Air Compressor:** *Meritor/Wabco 318 18.7 cfm*
20. **Clutch:** *Eaton Fuller CL7981*
21. **Pusher Lift Axle:** *Hendrickson HLVS-2*
22. **Address of pre-delivery inspection:** *Mountain West Truck Center.
1475 West 2100 South
Salt Lake City, UT 84119*
23. **Warranty provider:** *Mountain West Truck Center- Salt Lake City, Utah
Mountain West Truck Center- St. George, Utah*

REPORTS

The contractor will submit quarterly usage reports to the State Purchasing Agent showing quantities and dollar volume of purchases by each agency and political subdivision.

FINET COMMODITY CODE(S):

07054000000 - TRUCKS, DIESEL (ALL CAPACITIES)

07047000000 - TRUCKS, CAB AND CHASSIS ONLY